

State Proficiency

Performance Summary

State: INDIANA

Grade: 4

Purpose

This report provides the number and percent of students in each performance category.



Test Date: 03/02/09

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	<div>6337 Students Pass + in E/la and Math</div> <div>8%</div>	<div>6751 Students Pass in E/la and Pass + in Math</div> <div>9%</div>	<div>120 Students Did Not Pass in E/la and Pass + in Math</div> <div>0%</div>	<div>32 Students Undetermined in E/la and Pass + in Math</div> <div>0%</div>	<div>13240 Students Pass + in Math</div> <div>17%</div>
Mathematics Pass	<div>3741 Students Pass + in E/la and Pass in Math</div> <div>5%</div>	<div>32027 Students Pass in E/la and Math</div> <div>41%</div>	<div>5613 Students Did Not Pass in E/la and Pass in Math</div> <div>7%</div>	<div>161 Students Undetermined in E/la and Pass in Math</div> <div>0%</div>	<div>41542 Students Pass in Math</div> <div>53%</div>
Mathematics Did Not Pass	<div>78 Students Pass + in E/la and Did Not Pass in Math</div> <div>0%</div>	<div>7861 Students Pass in E/la and Did Not Pass in Math</div> <div>10%</div>	<div>14185 Students Did Not Pass in E/la and Math</div> <div>18%</div>	<div>290 Students Undetermined in E/la and Did Not Pass in Math</div> <div>0%</div>	<div>22414 Students Did Not Pass in Math</div> <div>29%</div>
Mathematics Undetermined	<div>6 Students Pass + in E/la and Undetermined in Math</div> <div>0%</div>	<div>62 Students Pass in E/la and Undetermined in Math</div> <div>0%</div>	<div>64 Students Did Not Pass in E/la and Undetermined in Math</div> <div>0%</div>	<div>991 Students Undetermined in E/la and Math</div> <div>1%</div>	<div>1123 Students Undetermined in Math</div> <div>1%</div>
English/ language arts TOTALS	<div>10162 Students Pass + in E/la</div> <div>13%</div>	<div>46701 Students Pass in E/la</div> <div>60%</div>	<div>19982 Students Did Not Pass in E/la</div> <div>26%</div>	<div>1474 Students Undetermined in E/la</div> <div>2%</div>	<div>Summary of Student Counts</div> <div>Total Grade Count 78319</div> <div>Students with Complete Tests 76713</div> <div>Students with Undetermined Scores</div> <div>E/la Only 483</div> <div>Math Only 132</div> <div>Both 991</div>

Summary of Scores	E/la		English/language arts			Mathematics		
			Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass
Mean Scale Score	469.5	478.4	MSS: 564.7	MSS: 484.3	MSS: 386.6	MSS: 577.2	MSS: 490.7	MSS: 397.1
Pass Cut Score	437	445	SD: 31.6	SD: 26.6	SD: 55.0	SD: 36.1	SD: 26.6	SD: 43.9
Pass + Cut Score	535	541	L/H Obt: 535-800	L/H Obt: 437-534	L/H Obt: 140-436	L/H/Obt: 541-750	L/H/Obt: 445-540	L/H/Obt: 185-444
Standard Deviation	66.8	69.5	L/H Range: 535-800	L/H Range: 437-534	L/H Range: 140-436	L/H Range: 541-750	L/H Range: 445-540	L/H Range: 185-444
Lowest/Highest Scale Score Obtained	140-800	185-750	10162 Students	46701 Students	19982 Students	13240 Students	41542 Students	22414 Students
Lowest/Highest Scale Score Possible	140-800	185-750	Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass

MSS: Mean Scale Score

SD: Standard Deviation

L/H Obt: Lowest/Highest Scale Score Obtained

L/H Range: Lowest/Highest Scale Score Range of Proficiency Level

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

A Message from Dr. Tony Bennett

Dear Teachers and Administrators,

Our number one priority at the Indiana Department of Education is to see the career preparation and academic achievement of all Indiana students become the best in the country and on par with the most globally competitive countries around the world. In order to do so, we must measure the progress of our students, our schools and our state as a whole.

We have no better measuring stick, perhaps, than the *ISTEP+* assessment. But more than simply telling us where we are, effective interpretation of the results should tell us where to go. The Individual Student Report provides information that helps parents understand their child's academic performance. The class, school and corporation summary reports give teachers and administrators data that should help them develop comprehensive plans to drive improvement. By providing us with an accurate gauge of individual students' strengths and areas of need, *ISTEP+* results help you determine how best to deliver education to your students in a manner befitting their needs and focused on the areas where they need the most attention.

If you have any questions, please don't hesitate to contact my office.

Sincerely,



Dr. Tony Bennett
Superintendent of Public Instruction

INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

Criterion-referenced Test: A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

Indiana Academic Standards: The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass+, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass+	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

Indiana Scale Score: Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP+* as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

Indiana Performance Index (IPI) Score: A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

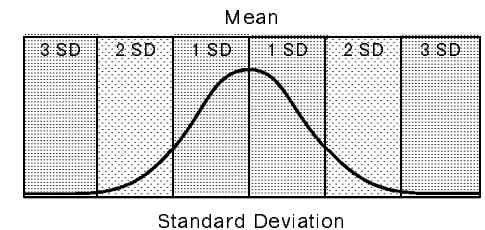
SUMMARY INFORMATION

Mean: Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

Median: The median is another often used "average." It is defined as the score below which half of the cases fall.

Mean Scale Score: The arithmetic average of the scale scores obtained by a group of students.

Standard Deviation (SD): A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



ISTEP+
INDIANA STATEWIDE TESTING
FOR EDUCATIONAL PROGRESS

State Proficiency
Performance Summary

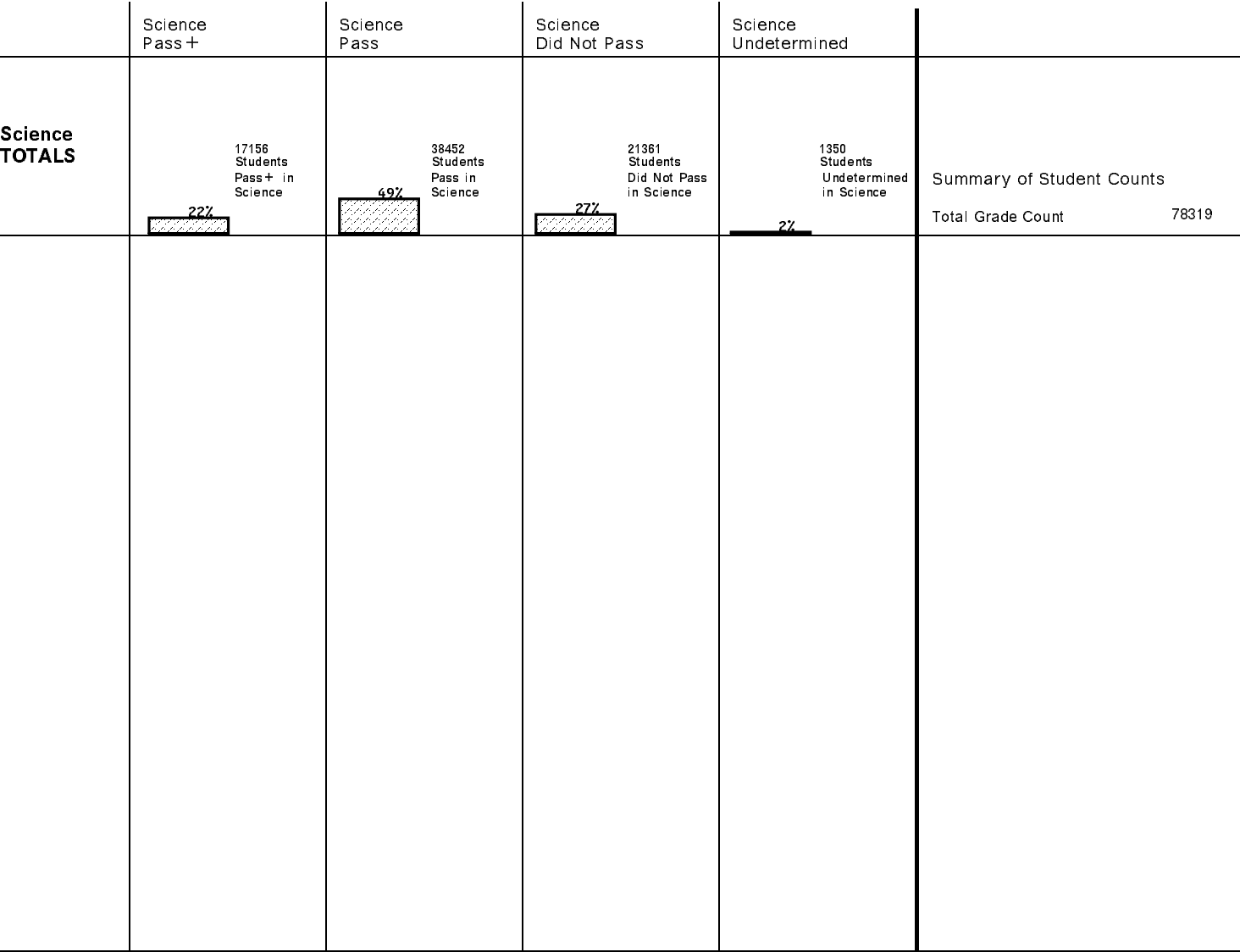
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Grade: 4

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Test Date: 03/02/09



Summary of Scores		Science					
		Pass +	Pass	Did Not Pass			
Mean Scale Score	491.2	MSS: 565.2	MSS: 498.7	MSS: 418.2			
Pass Cut Score	463	SD: 26.2	SD: 20.1	SD: 47.0			
Pass + Cut Score	535	L/H Obt: 535-750	L/H Obt: 463-534	L/H Obt: 200-462			
Standard Deviation	60.8	L/H Range: 535-750	L/H Range: 463-534	L/H Range: 200-462			
Lowest/Highest Scale Score Obtained	200-750	17156 Students	38452 Students	21361 Students			
Lowest/Highest Scale Score Possible	200-750	Pass +	Pass	Did Not Pass			

MSS: Mean Scale ScoreSD: Standard DeviationL/H Obt: Lowest/Highest Scale Score ObtainedL/H Range: Lowest/Highest Scale Score Range of Proficiency Level

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